



# SPYWOLF

## Security Audit Report



Completed on  
**September 22, 2023**

@SPYWOLFNETWORK



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SPYWOLF.CO





# OVERVIEW

This audit has been prepared for **Elon Shiba X** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

*The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal*

- SPYWOLF Team -

”





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# Elon Shiba X



## PROJECT DESCRIPTION

### **According to their website::**

"With the galaxy of Xenovia under threat, ElonShiba X Army, inspired by Elon Musk and the Shiba Inu dog, emerged. Under the leadership of General Xavier, they have sworn to protect their planet at all costs and dominate the meme season with unwavering dedication, promising Musk-like inspiration and Shiba-like loyalty."

**Release Date:** Presale starts in September, 2023

**Category:** Meme token



# CONTRACT INFO

Token Name  
Elon Shiba X

Symbol  
ESHX

Contract Address  
0x7289294a4Fa43b3868730413A7553a05884c4839

Network  
Binance Smart Chain

Language  
Solidity

Deployment Date  
Sep 16, 2023

Verified?  
Yes

Total Supply  
500,000,000,000,000

Status  
Not launched

## TAXES

Buy Tax  
**none**

Sell Tax  
**none**

## Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

### Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



# TOKEN TRANSFERS STATS

Transfer Count	2
Uniq Senders	2
Uniq Receivers	2
Total Amount	552083333333333 ESHX
Median Transfer Amount	500000000000000 ESHX
Average Transfer Amount	276041666666666.5 ESHX
First transfer date	2023-09-16
Last transfer date	2023-09-20
Days token transferred	2

# SMART CONTRACT STATS

Calls Count	5
External calls	2
Internal calls	3
Transactions count	3
Uniq Callers	2
Days contract called	2
Last transaction time	2023-09-20 12:09:52 UTC
Created	2023-09-16 12:39:11 UTC
Create TX	0x7040b200988390d50706e16fcc8eb7187f01366b0f5a2f42b777213152e5446d
Creator	0x2a0d223fc4637afe9c00da517625b754697db156



# VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed





# THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

## High Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Medium Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Low Risk

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Issues on this level are minor details and warning that can remain unfixed.

## Informational

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Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.





# FOUND THREATS

## Medium Risk

### Owner can blacklist addresses

When an wallet is blacklisted, it cannot make any transfers, preventing it to sell their tokens.

```
function blacklist(address _address, bool _isBlacklisting) external onlyOwner {  
    |   blacklists[_address] = _isBlacklisting;  
    |  
}
```

- Recommendation:
  - Blacklist function is not necessary juggling by the nature of the token



# FOUND THREATS

## ⚠ Medium Risk

### Owner can set max and min holding amount of tokens on wallets

Although this approach can be used to avoid whale wallets, the max amount of holding can be corrupted and set the value very low, making it impossible to transfer tokens.

```
function setRule(bool _limited, address _uniswapV2Pair, uint256 _maxHoldingAmount,
uint256 _minHoldingAmount) external onlyOwner {
    limited = _limited;
    uniswapV2Pair = _uniswapV2Pair;
    maxHoldingAmount = _maxHoldingAmount;
    minHoldingAmount = _minHoldingAmount;
}
```

- Recommendation:
  - Max holding and min holding should be limited to a certain amount,  $\text{maxHolding} > 0.1\% \text{ TS} \ \&\& \ \text{maxHolding} < 1\% \text{ TS}$  for example



RECOMMENDATIONS FOR

# GOOD PRACTICES

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1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

## Elon Shiba X

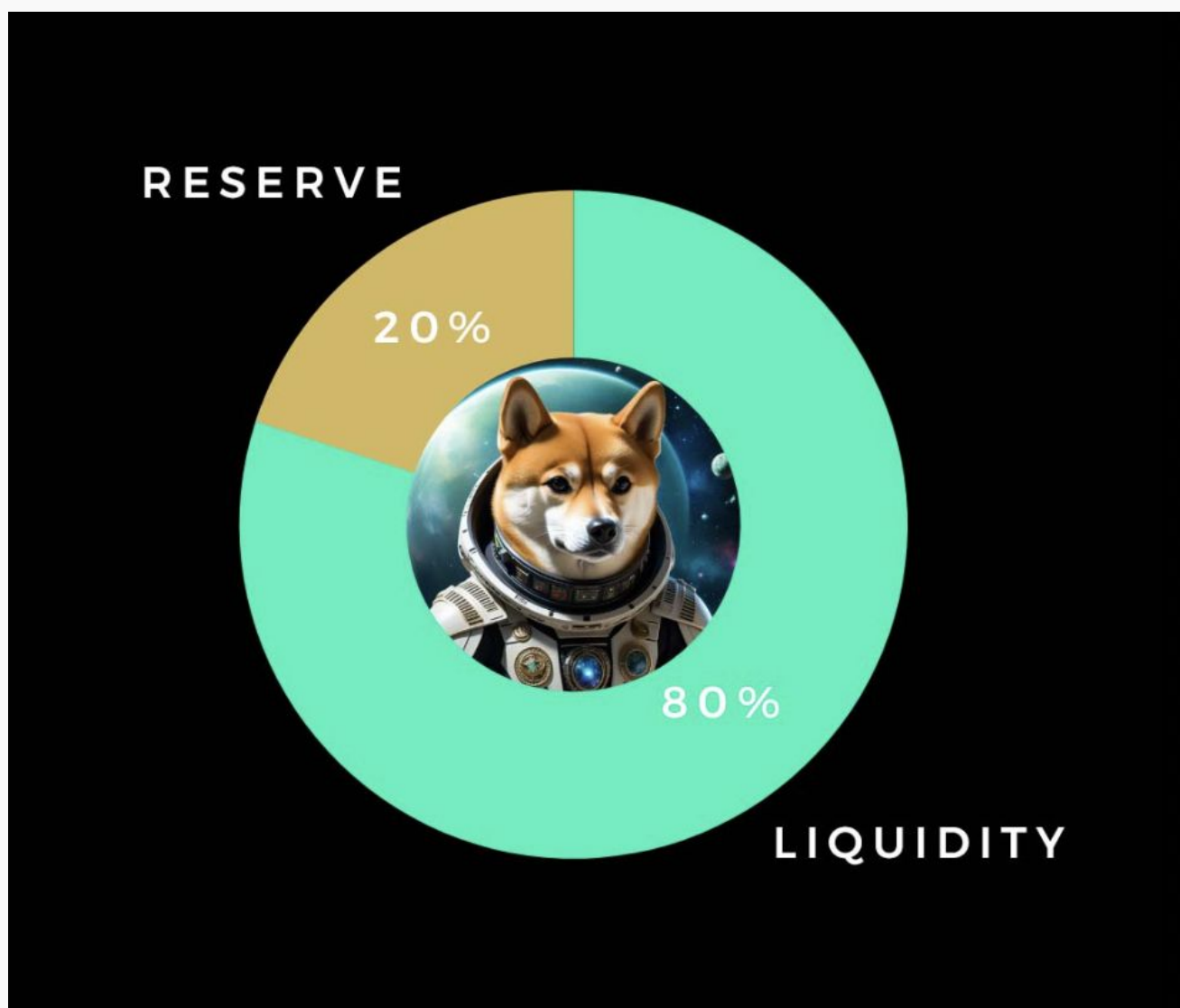
### GOOD PRACTICES FOUND

- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



The following tokenomics are based on the project's whitepaper and/or website:

ESHX is a deflationary token with a total supply of 500 Trillion. No taxes, no team tokens. 80% of tokens will be sent to the liquidity pool, and LP tokens will be burnt at launch. The remaining 20% of tokens are sent to the reserve wallet only to be used as tokens for future centralized exchange listings, charity, and liquidity pools..



# TOKENOMICS



# THE TEAM

! The team is anonymous

## KYC INFORMATION

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





# WEBSITE

## Website URL

<https://elonshibax.info/>

## Domain Registry

<https://www.ionos.com>

## Domain Expiration

2024-09-16

## Technical SEO Test

Passed

## Security Test

Passed. SSL certificate present

## Design

Single page design with appropriate color scheme and graphics.

## Content

The information helps new investors understand what the product does right away.

No grammar mistakes found.

## Whitepaper

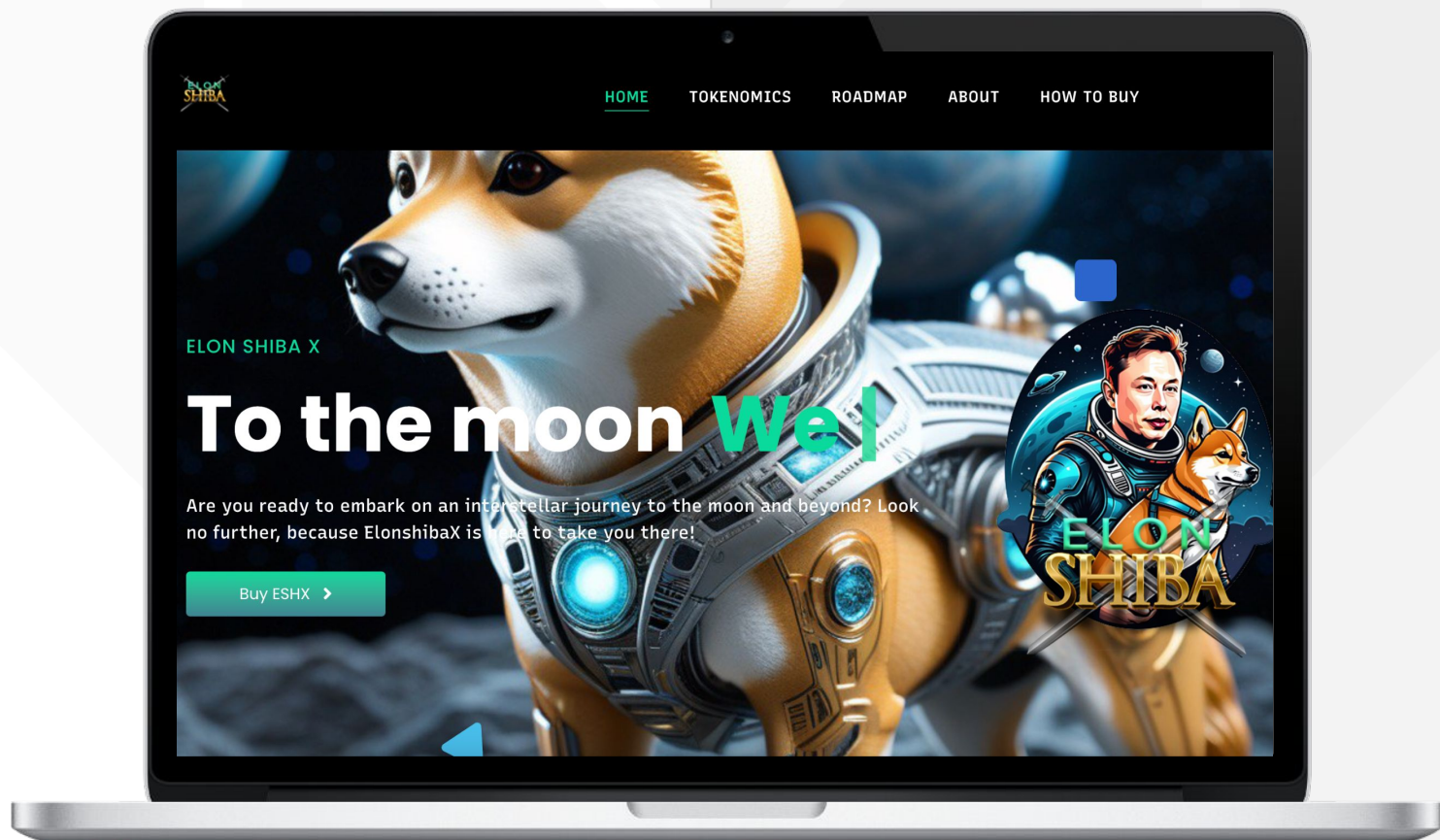
No

## Roadmap

Yes (No specific dates)

## Mobile-friendly?

Yes



# elonshibax.info

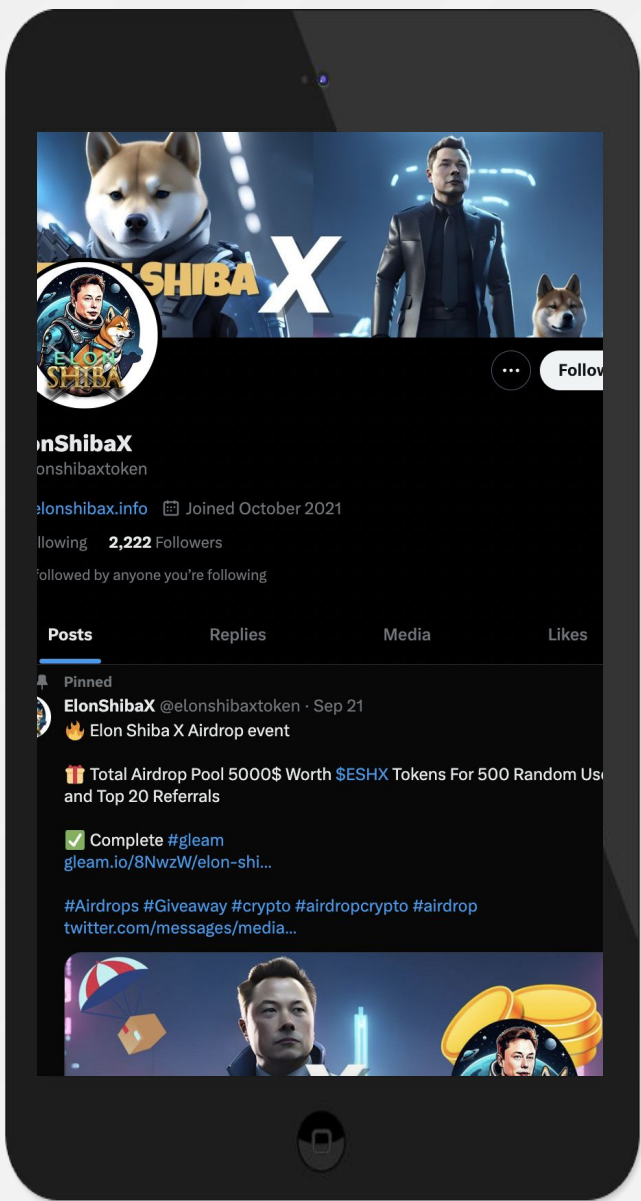
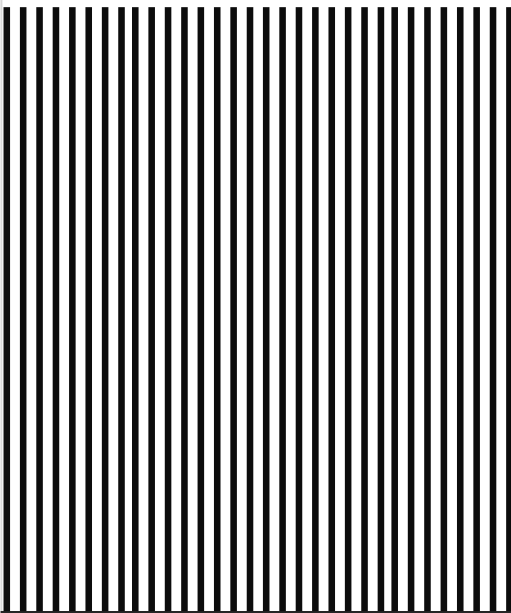




# SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS  
Project's social media  
pages are new but  
active.



Twitter

@elonshibaxtoken

- 2,222 Followers
- New account



Discord

- Not available



Telegram

@elonshibaxofficial

- 790 members
- Active members
- Active mods



Medium

- Not available





# SPYWOLF

## CRYPTO SECURITY

Audits | KYCs | dApps  
Contract Development

## ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 500 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

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# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.